AMENDMENTS TO THE SPECIFICATION

Please replace the below paragraph in the specification with the following:

[0053] According to a preferred embodiment, the weighting coefficients are determined using an error minimization method, for example a method for minimizing the sum of the quadratic errors over the set of notes given by the user. This technique is known as X-square fitting. According to that example, the system proceeds by successive approximation of set of weighting coefficients α_j for minimizing the following formula:

~~$$\sum_{h=1}^{q} \left(NP_h - \sum_{j=1}^{n} (\alpha_j \cdot MV_{j,h}) \right)^2 ,$$~~

$$\sum_{h=1}^{q} \left(SN_h - \sum_{j=1}^{n} (\alpha_j \cdot MV_{j,h}) \right)^2 ,$$

where $MV_{j,h}$ designates the scores of rank j (sensor S_j) of the smell print of perfume of rank h. As disclosed above, $MV_{j,h}$ is preferably a mean value of several measurements.